

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|----------------------------------------------------------------------------|---------------------------------------------------------------|------------------|---------|---------------------|
| S1 | 1 | ("20050265470").PN. | US-PGPUB; USPAT | OR | OFF | 2008/02/20 10:04 |
| S3 | 1 | ("3633034").PN. | US-PGPUB; USPAT | OR | OFF | 2008/02/20 12:05 |
| S4 | 4 | ((("6466557") or ("6144711") or ("20020051430") or ("20030123565")).PN. | US-PGPUB; USPAT | OR | OFF | 2008/02/20 12:09 |
| S7 | 170218 | orthogonal\$6.ti,ab. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/20 16:37 |
| S8 | 1358 | S7 and (transmission with sequence) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/20 16:41 |
| S9 | 123 | S8 and (beamform\$4 or (beam with form\$5)) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/20 16:41 |
| S10 | 46 | S9 and "370"/\$.ccls. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/20 16:42 |

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|-----|--------|-----------------------------------------------------------------|---------------------------------------------------------------|-----|----|---------------------|
| S20 | 1577 | ((space or spatial\$4) adj2 division with multiplex \$4) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/20 17:27 |
| S23 | 450712 | S20 or (beamform\$4 or (beam with form\$5)) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/20 17:30 |
| S30 | 1069 | ((space or spatial\$4) adj2 division adj2 multiplex \$4) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/20 17:34 |
| S32 | 371 | 370/334.ccls. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/20 18:00 |
| S33 | 8 | S32 and ((space or spatial\$4) adj2 division adj2 multiplex\$4) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/20 18:00 |
| S34 | 670 | 370/203.ccls. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/22 11:35 |
| S35 | 542 | S34 and orthogonal | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/22 11:35 |

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|-----|------|--------------------|---------------------------------------------------------------|-----|----|---------------------|
| S36 | 42 | S35 and beam | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/22 11:35 |
| S37 | 51 | S35 and beam\$7 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/22 11:35 |
| S39 | 6 | S37 and compatible | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/22 11:44 |
| S40 | 3642 | 370/335.ccls. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/22 12:00 |
| S41 | 1498 | S40 and orthogonal | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/22 12:08 |
| S42 | 221 | S41 and beam\$7 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/22 12:08 |
| S43 | 2 | "5,515,378".pn. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/22 12:10 |

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| S44 | 2 | "5329522".pn. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/22 12:16 |
| S46 | 1073 | ((space or spatial\$4) adj2 division adj2 multiplex \$4) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/25 09:23 |
| S47 | 332 | S46 and orthogonal | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/25 09:23 |
| S48 | 175 | S47 and beam\$8 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/25 09:23 |
| S49 | 79 | S48 and weight\$4 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/25 09:24 |
| S50 | 40640 | orthogonal and (beamform\$4 or (beam with form \$5)) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/25 09:31 |
| S51 | 12489 | S50 and weight\$5 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/25 09:32 |

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| S52 | 429 | S51 and "370"/\$.ocls. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/25 09:32 |
| S53 | 378 | ((space or spatial\$4) adj2 division with multiplex \$4).ti,ab. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/25 09:52 |
| S54 | 62 | S53 and beam\$6 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/25 09:53 |
| S55 | 19 | S54 and weight | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/25 09:53 |
| S64 | 4 | compatib\$6 with ((space or spatial) near2 division near2 multiplex\$6) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/25 17:32 |
| S65 | 8 | compatib\$6 same ((space or spatial) near2 division near2 multiplex\$6) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/25 17:56 |
| S67 | 6867 | 370/334,335,319,344,347,346,203.ocls. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/26 08:01 |

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|-----|------|--------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|-----|-----|---------------------|
| S68 | 2551 | S67 and orthogonal | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/26 08:02 |
| S69 | 417 | S68 and beam\$8 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/26 08:02 |
| S70 | 217 | S69 and weight\$5 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/26 08:02 |
| S71 | 5 | S70 and ((space or spatial) near2 division near2 multiplex\$5) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/02/26 08:06 |
| S72 | 7 | ((("20060193298") or ("20070183545") or ("20070224953") or ("20040027282") or ("20040142729") or ("7184734") or ("20080008110")).PN. | US-PGPUB; USPAT | OR | OFF | 2008/05/08 16:12 |
| S73 | 4 | ((("6466557") or ("6144711") or ("20020051430") or ("20030123565")).PN. | US-PGPUB; USPAT | OR | OFF | 2008/05/08 16:16 |
| S75 | 140 | mimo and orthogonal and beam\$5 and (SDM or SDMA) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/08 16:25 |

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|-----|-------|--------------------------------|---------------------------------------------------------------|----|----|---------------------|
| S76 | 797 | mimo and orthog\$5 and beam\$5 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/09 10:24 |
| S77 | 37 | S76 and sdm | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/09 10:25 |
| S78 | 113 | S76 and sdma | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/09 10:25 |
| S79 | 2 | "6144711".pn. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/09 10:30 |
| S80 | 87302 | beam\$5 and orthogonal | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/09 11:36 |
| S81 | 25538 | S80 and weight\$4 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/09 11:37 |
| S83 | 4714 | S81 and "antennas" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/09 11:38 |

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|------|-------|----------------------------------|---------------------------------------------------------------|----|----|---------------------|
| S84 | 12123 | (beam\$5 and orthogonal).ti,ab. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/09 11:38 |
| S85 | 283 | S84 and (beam\$5 with weight\$5) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/09 11:38 |
| S86 | 120 | S85 and ("antennas") | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/09 11:39 |
| S87 | 131 | S83 and sdm | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/09 11:40 |
| S88 | 1 | S85 and sdm | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/09 11:41 |
| S89 | 12151 | (beam\$5 and orthog\$5).ti,ab. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/09 11:42 |
| S110 | 2 | "20050265470" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/25 14:15 |

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| S111 | 1166 | ((space or spatial\$4) adj2 division adj2 multiplex \$4) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 15:21 |
| S112 | 79 | S111 and ((space or spatial\$4) adj2 division adj2 multiple adj1 access) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 15:21 |
| S113 | 41 | sdm same sdma | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 15:47 |
| S114 | 41 | sdma same sdm | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/30 18:54 |
| S115 | 928 | sdma same channels | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/30 18:58 |
| S116 | 521 | sdma same channel? | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/30 18:58 |
| S117 | 548 | sdma same (channel? or slot?) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/30 19:00 |

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| S118 | 7498 | 370/334,335,319,344,347,346,203.ccls. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/30 19:00 |
| S119 | 90 | S118 and S117 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/30 19:00 |
| S120 | 524 | sdma same multiplex\$5 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/30 19:01 |
| S121 | 66 | S118 and S120 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/30 19:02 |
| S122 | 548 | sdma same (channel? or slot?) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/01 07:42 |
| S123 | 400 | S122 and ("370".clas. or "455".clas. or "709".clas.) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/01 07:42 |
| S126 | 162 | S123 and @ad<="20021205" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/01 07:47 |

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|------|-----|-----------------------------------------------------------------------|---------------------------------------------------------------|----|----|---------------------|
| S127 | 210 | S122 and @ad<="20021205" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/01 07:47 |
| S128 | 133 | sdma same ((space or spatial) near5 (channel? or slot?)) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/01 07:57 |
| S129 | 71 | S128 and @ad<="20021205" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/01 07:58 |
| S130 | 2 | "20050265470".pn. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/01 08:06 |
| S131 | 317 | ((space or spatial) adj3 multiplex\$5) same (multiple adj2 access) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/01 08:31 |
| S133 | 108 | S131 and @ad<="20021205" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/01 08:32 |
| S134 | 72 | sdma and sdm | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/04 09:16 |

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|------|-----|-----------------------------------------------|---------------------------------------------------------------|----|----|---------------------|
| S135 | 522 | sdma same channel? | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/04 09:30 |
| S136 | 201 | S135 and @ad<="20021205" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/04 09:30 |
| S142 | 2 | (maximum adj1 ratio adj1 synthetic adj1 beam) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/05 16:05 |
| S143 | 46 | (rout\$5 adj1 event) same (bandwidth) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/05 16:59 |
| S144 | 79 | sdm and sdma | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 08:46 |
| S145 | 0 | sdm with compatible | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 09:17 |
| S146 | 150 | sdm with (support\$3 or compatible) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 09:18 |

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| S147 | 90 | sdm near5 (support\$3 or compatible) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 09:18 |
| S148 | 0 | S147 and (sdma near5 (support\$5 or compatible)) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 09:18 |
| S149 | 101 | sdm near5 (support\$3 or compatible) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 09:18 |
| S150 | 1 | S149 and (sdma near5 (support\$5 or compatible)) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 09:19 |
| S151 | 104 | sdm near6 (support\$5 or compatible or sustain) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 09:32 |
| S152 | 7 | S151 and mimo | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 09:32 |
| S153 | 131 | sdma near6 (support\$5 or compatible or sustain) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 09:36 |

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| S154 | 63 | S153 and mimo | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 09:36 |
| S155 | 2541 | sdma | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 09:51 |
| S156 | 609 | S155 and mimo | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 09:52 |
| S157 | 36 | S156 and @ad<="20030101" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 09:52 |
| S158 | 520 | sdm near6 (space or spatial) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 10:05 |
| S159 | 171 | S158 and @ad<="20030101" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 10:05 |
| S160 | 25 | S158 and (sdm near6 (support\$5 or compatible or sustain)) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 10:11 |

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| S161 | 210 | determin\$5 near6 sdm | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 10:35 |
| S162 | 112 | S161 and @ad<="20030101" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 10:35 |
| S163 | 0 | S162 and ((spatial or space) adj2 division adj1 multiplex\$5) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 10:36 |
| S164 | 1254 | ((spatial or space) adj2 division adj1 multiplex\$5) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 10:36 |
| S165 | 470 | S164 and sdm | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 10:55 |
| S166 | 1169 | ((spatial or space) adj1 division adj1 multiplex\$5) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 10:55 |
| S167 | 469 | S166 and sdm | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 10:58 |

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|------|-----|----------------------------------------------------------------------------|---------------------------------------------------------------|----|----|---------------------|
| S168 | 26 | S167 and (determin\$5 with sdm) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 10:59 |
| S169 | 953 | (mimo near6 (compatible or support\$5 or sustain\$5)) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 11:01 |
| S170 | 53 | S169 and @ad<="20030101" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 11:02 |
| S171 | 75 | mimo and (sdma near10 (capable or compatible or support\$5 or sustain\$5)) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 11:21 |
| S172 | 0 | S171 and @ad<="20030101" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 11:21 |
| S173 | 185 | (sdma near10 (capable or compatible or support\$5 or sustain\$5)) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 11:21 |
| S174 | 39 | S173 and @ad<="20030101" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 11:21 |

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| S175 | 18 | (determin\$5 with sdma near10 (capable or compatible or support\$5 or sustain\$5)) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 11:26 |
| S176 | 90 | sdma with (terminal or ms or station) with (capable or support\$5 or compatible) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 11:39 |
| S177 | 16 | S176 and @ad<="20030101" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 11:39 |
| S178 | 9 | determin\$5 with sdma with (terminal or ms or station) with (capable or support\$5 or compatible) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 11:48 |
| S179 | 52 | (terminal or ms or station or node) with support \$3 with sdma | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 11:53 |
| S180 | 7 | (terminal or ms or station or node) adj6 support \$3 adj6 sdma | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 11:54 |
| S181 | 92 | (terminal or ms or station or node) with (compatible or capable or support\$3) with sdma | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 12:13 |

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| S182 | 14 | S181 and @ad<="20030101" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 12:13 |
| S183 | 144 | (compatible or capable or support\$3) near5 sdma | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 12:15 |
| S184 | 28 | S183 and @ad<="20030101" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 12:15 |
| S186 | 11 | (sdma with tdma) with mode | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 12:41 |
| S187 | 71 | (sdma with tdma) with (mode or scheme) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 12:42 |
| S188 | 22 | (sdma with tdma) with (mode or scheme) with (mobile or station or terminal or ms or node) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 12:42 |
| S189 | 1468 | sdma and tdma | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 12:55 |

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|------|------|-----------------------------------------------------------|---------------------------------------------------------------|----|----|---------------------|
| S190 | 1169 | (space or spatial) adj1 division adj1 multiplex\$5 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 12:56 |
| S191 | 917 | sdma same tdma | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 12:56 |
| S192 | 349 | S191 and @ad<="20030101" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 12:56 |
| S193 | 189 | sdma same tdma same (scheme or mode) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 12:57 |
| S194 | 85 | S193 and @ad<="20030101" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 12:57 |
| S195 | 39 | S193 and mimo | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 12:57 |
| S196 | 284 | sdma same (cdma or tdma or fdma) same (scheme or mode) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 13:00 |

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| S197 | 158 | S196 and @ad<="20030101" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 13:01 |
| S198 | 9 | S197 and mimo | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 13:01 |
| S202 | 1199 | sdma same (tdma or fdma or ofdma or cdma) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 18:00 |
| S203 | 481 | S202 and @ad<="20030101" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 18:00 |
| S204 | 134 | S203 and ((spatial or space) near3 multiplex\$5) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 18:00 |
| S205 | 46 | switch\$5 with sdma with (tdma or fdma or ofdma or cdma) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 18:33 |
| S206 | 34 | S205 and @ad<="20030101" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 18:33 |

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|------|------|-----------------------------------------|---------------------------------------------------------------|----|----|---------------------|
| S207 | 3754 | determin\$5 with (multiple adj1 access) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 18:42 |
| S208 | 151 | S207 and sdma | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 18:42 |
| S209 | 73 | S208 and @ad<="20030101" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/03 18:42 |

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